

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference SMJ-002	rd's file reference FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)							
International application No.	International filing date (day/month/year)		Priority date (day/month/year)					
PCT/US01/40511 12 April 2001 (12.		1)	17 April 2000 (17.04.2000)					
International Patent Classification (IPC) or national classification and IPC								
IPC(7): H01L 21/00; C23C 16/00 and US C1.: 118/725, 724: 219/390, 391,405,406, 410; 392/407, 411, 416								
Applicant								
MEZEY, SR., JAMES J.								
This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.								
This REPORT consists of	a total of Sheets, incl	uding this cover she	et.					
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).								
These annexes consist of a	total of sheets.							
This report contains indica	ations relating to the follo	wing items:						
I Basis of the report								
II Priority								
III Non-establishm	ent of report with regard	to novelty inventive	sten and industrial applicability					
	The second and regard to noverty, inventive step and industrial applicability							
S and of any of methods								
V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement								
VII Certain defects	in the international application attions on the international application							
_	s in the international application							
VIII Certain observations on the international application								
			18					
Date of submission of the demand		Date of completion	of this report					
16 November 2001 (16.11.2001)		25 May 2002 (25.05	.2002)					
Name and mailing address of the IPEA/US		Authorized officer						
Commissioner of Patents and Trademarks Box PCT		Jeffrie R. Lund	May swir thange					
Washington, D.C. 20231 Facsimile No. (703)305-3230			200 0001					
Form PCT/IDEA/400 (Telephone No. (703	308-0661					

Form PCT/IPEA/409 (cover sheet)(July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.	
PCT/US01/40511	

ı.	Basi	s of the report						
١.	With	regard to the elements of the international application:*						
		the international application as originally filed.						
	\boxtimes	the description:						
		pages 1-20 as originally filed						
		pages NONE, filed with the demand pages NONE, filed with the letter of						
	∇	• •						
	\square	the claims: pages NONE, as originally filed						
		pages NONE , as amended (together with any statement) under Article 19						
		pages 21-27 , filed with the demand						
	_	pages NONE , filed with the letter of						
	\bowtie	the drawings:						
		pages 1-9 , as originally filed	1					
		pages NONE , filed with the demand pages NONE , filed with the letter of						
	\Box	the sequence listing part of the description:	l					
	ш	pages NONE , as originally filed						
		pages NONE, filed with the demand						
		pages NONE, filed with the letter of	l					
2.		n regard to the language, all the elements marked above were available or furnished to this Authority in the uage in which the international application was filed, unless otherwise indicated under this item.						
		e elements were available or furnished to this Authority in the following language which is:						
	\Box	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).						
	Ħ	the language of publication of the international application (under Rule 48.3(b)).						
	Ħ	the language of the translation furnished for the purposes of international preliminary examination(under Rules						
	ш	55.2 and/or 55.3).						
3.	Wit	h regard to any nucleotide and/or amino acid sequence disclosed in the international application, the	١					
	inter	mational preliminary examination was carried out on the basis of the sequence listing:	١					
		contained in the international application in printed form.	1					
		filed together with the international application in computer readable form.	1					
		furnished subsequently to this Authority in written form.	1					
		furnished subsequently to this Authority in computer readable form.	١					
		The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the	1					
		international application as filed has been furnished.	1					
		The statement that the information recorded in computer readable form is identical to the written sequence listing	g					
		has been furnished.	٦					
4	. \square	The amendments have resulted in the cancellation of:	1					
		the description, pages NONE	١					
			1					
		the claims, Nos. NONE						
		the drawings, sheets/fig NONE						
5	٠ ـــ	This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**						
١.	Rep	lacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to	in					
this report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).								
١ ٔ	** Any replacement sheet containing such amendments must be referred to under item 1 and annexed to this report.							

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

Form PCT/IPEA/409 (Box V) (July 1998)

International application No. PCT/US01/40511

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1. STATEMENT							
Novelty (N)	Claims	1-37	_YES				
	Claims	NONE	_NO				
Inventive Step (IS)	Claims	1-37	_YES				
-	Claims	NONE	NO				
Industrial Applicability (IA)	Claims	1-37	_YES				
	Claims	NONE	_NO				
claim I and 32, specifically, the controller that is caps process zone of the process chamber; and the method	able of indep of claim 25, Claims I-37	ause the prior art does not teach or fairly suggest the appaar endently controlling the temperatures within the preprocess specifically, maintaining the gas in zones held at prescribe have industrial applicability in the processing of semicond	s and ed				